

DETRITAL WASH BASIN

09419590 DETRITAL WASH TRIBUTARY NEAR CHLORIDE, AZ

LOCATION.--Lat 35°25'55", long 114°17'05", in NW¹/₄ sec.35, T.24 N., R.19 W., Mohave County, Hydrologic Unit 15010014, at U.S. Highway 93, 5.5 mi northwest of Chloride.

DRAINAGE AREA.--1.23 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1963	09-17-63	25	ES	1971	08-12-71	470	
1964	08-12-64	50	ES	1972	09-19-72	92	
1965	04-03-65	0.2	ES	1973	00-00-73	0	
1966	08-16-66	73		1974	07-21-74	46	
1967	09-00-67	117		1975	00-00-75	0	
1968	00-00-68	20	ES	1976	09-10-76	460	
1969	07-27-69	42		1980	00-00-80	¹ 30	ES,HP
1970	00-00-70	0					

¹Highest since 1976.

Magnitude and probability of instantaneous peak flow based on period of record 1963-76, 1980

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
41.4	126	233	457	715	1,080
Weighted skew	(logs) =	0.23			
Mean	(logs) =	1.64			
Standard dev.	(logs) =	0.56			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
200	2.4	3,710	0.0	3.0	10.1	1.4	3.6

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